SERVICE MANUAL

XE100
XE200
XE300
XE400
XE500

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Troubleshooting Guide

ELECTRONIC SYSTEM

No power to the console

1. Unit must be plugged into an outlet with power
2. Test adapter for voltage with a volt meter. **(Procedure 1)**
3. Disconnect console, test harness for voltage. **(Procedure 2)**

No resistance change

1. When the UP or DOWN buttons are pressed, listen for the sound of the gear motor running.
2. If you cannot hear the motor running, remove the console and set the volt meter to the ohms setting.
   -Measure between the red and the yellow wires; it should be around 5K ohms +/- (500 ohms).
   -Measure between the red and orange wires and then between the yellow and orange wires. These two measure ments should add up to the measurement between the red and yellow.
   -If these measurements are correct, then the potentiometer on the gear motor is good.
   -Measure between the black and brown wires. The meter should read close to a short, about 1-5 ohms.
   If all of these readings are correct, the motor and harness are good and the console needs to be replaced.
   If any of the readings are not correct, the problem is either the harness or the gear motor. In this case, you need to take the same measurements from the wires directly on the gear motor. **(Procedure 3)**
3. If you do hear the motor running, make sure the motor cable is properly connected to both the gear motor and the brake, and the cable is properly adjusted. **(Procedure 5)**

Incline does not work

1. Varify that the incline motor wires are plugged in correctly where the rail assy. connects to the main body of the unit. (should be black to black, red to red, white to white, and the 3 wire harness connected)
2. Check to be sure that all wires are connected to the incline controller correctly.

No speed, distance, or RPM reading

1. Check for proper alignment of speed sensor. **(Procedure 4)**
2. Check flywheel for magnet. **(Procedure 4)**

Troubleshooting Guide

MECHANICAL SYSTEM

Resistance too high	1. See **Procedure 5** in repair procedures section.
Thumping noise	1. Clean and lube wheels and rails. 2. If there is still a thump, check for loose bolts. 3. If there is still a thump, order new pedal arm bushing housings with IGOS plastic bushing.
Squeaking noise in the pedal **(XE100 &XE200)**	1. Order and install a new connecting arms.
Adjustable pedal not staying in the desired position **(XE300)**	1. Order and install new threaded bushing and crank pin.
Slide wheels jumping off of the track	1. Clean wheels and tracks with rubbing alcohol. All of the sticky and/or dirty lube must be removed from both the wheels and the tracks. 2. If the aluminum track has been damaged, order a new aluminum track.

Repair Procedures

PROCEDURE 1: Test adapter for voltage

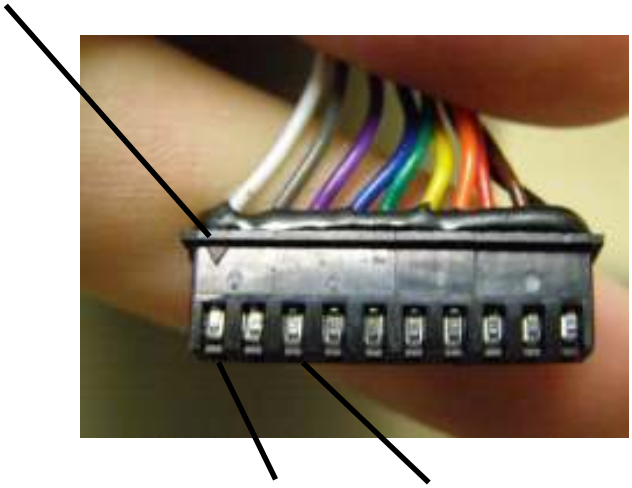
1.1 Plug adapter into a working outlet.
1.2 Turn on meter to test for DC voltage.
1.3 Put one lead into the end of the plug and the other lead to the metal on the outside.

1.4 The adapter will be labeled 9VDC or 12VDC. When testing, the reading should be a few volts higher than the label says. If there is less voltage than what the label says, you need to replace the adapter.

PROCEDURE 2: Test harness for power supply voltage

2.1 After you have tested the adapter for voltage, plug in the machine and take the console off of the unit.
2.2 Turn on the meter to test for DC voltage.
2.3 Put one lead on the 1st wire and the other lead on the 3rd wire.

Triangle always points to pin # 1



Put leads from meter HERE and HERE

2.4 You should have basically the same voltage here as you had when you tested the adapter. If the reading is vastly different, the harness needs to be replaced.

Repair Procedures

PROCEDURE 3: Test gear motor

3.1 If unit is an XE550, go to motor test in engineering mode (Procedure 8).
3.2 Take off right shroud so you can access the gear motor.
3.3 Turn meter on setting to check for DC voltage.
3.4 Check for voltage between the yellow and the red wires. (Should be around 4.5v for 350/550)
3.5 Check for voltage between the yellow and orange. Check for voltage between the red and orange. These two voltages should added together should total the voltage that you had between the yellow and red.
3.6 Press the START button and press the UP button. Check for voltage between the black and the brown wires. You should get 4-6 volts. (As you can see, you will need someone to help you with this step.)

PROCEDURE 4: Alignment of speed sensor and magnet

4.1 Using a flat screw driver or a knife, take off the round disc cover on the left side of the unit.
4.2 Turn the pedal so the bigger opening is at the top of the hole. (See picture below)

4.3 Sensor should be pointing directly at the large pulley and there should be a magnet in the on the pulley.

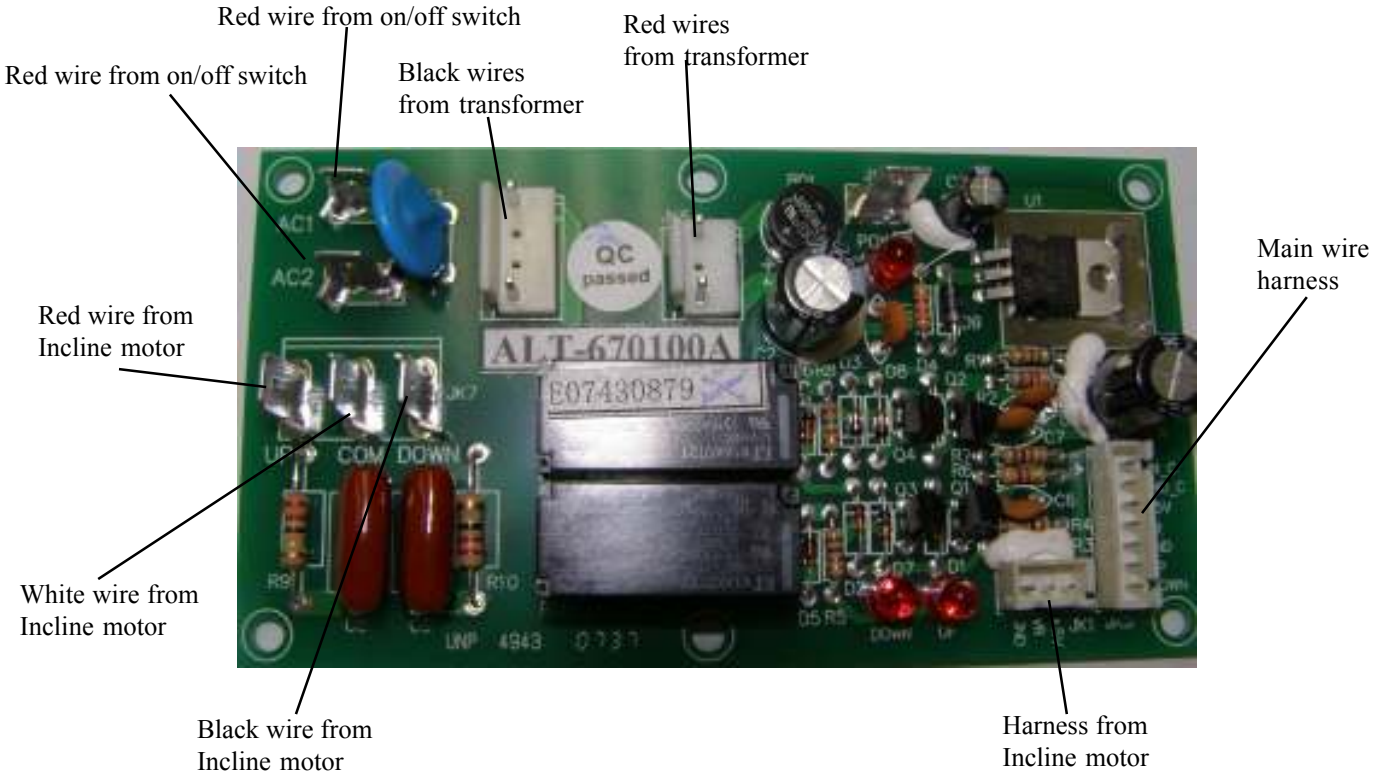
Repair Procedures

PROCEDURE 5: Adjusting brake cable

5.1 Take right and left shrouds off.
5.2 On the left side of the unit you will find the brake inside of the flywheel.
5.3 Using an open end wrench, loosen the small lock nut.
5.4 Using the same wrench, loosen the longer nut. As you loosen the nut you will see this gap get smaller.

5.5 The smaller the gap is, the easier the resistance will be at level 1. **Dont adjust out the gap completely.**
5.6 Tighten down the lock nut.

PROCEDURE 6: Incline controller wiring



PROCEDURE 7: Engineering Mode

1. Press and hold the START, ENTER, and STOP buttons until display beeps.
2. "ENGINEERING MODE" will scroll across the screen, press ENTER.
3. Press the UP and/or DOWN buttons to scroll through the following sub menus:
   - Key Test
   - Display Test
   - Functions
   - Security
   - Factory Set
   - Exit
4. Press ENTER to access the desired program.
5. Press STOP to exit Engineering Mode.

- Key Test

Press ENTER. Press all buttons on console.

- Display Test

Press ENTER. Console will test each segment or LED. Look to see if there are any burned out or not working.

- Functions

Sleep Mode On/Off ---------- Press ENTER to turn on or off.
Pause Mode On/Off ---------- Press ENTER to turn on or off.
Odometer Reset ---------- Press ENTER to reset.
Units English/Metric ---------- Press ENTER to change.
Beep Sound On/Off ---------- Press ENTER to turn on or off.
Motor Test---------- Press ENTER to begin the test.
Safety On/Off (XE300 calls it "Inc Max")--- Press ENTER to turn on or off.
Exit ---------- Press ENTER to exit the functions menu.

- Security

Child Lock On/Off ------- Press ENTER to turn on or off.

- Factory Set

Press ENTER to go back to original factory settings. This will reset saved user programs.

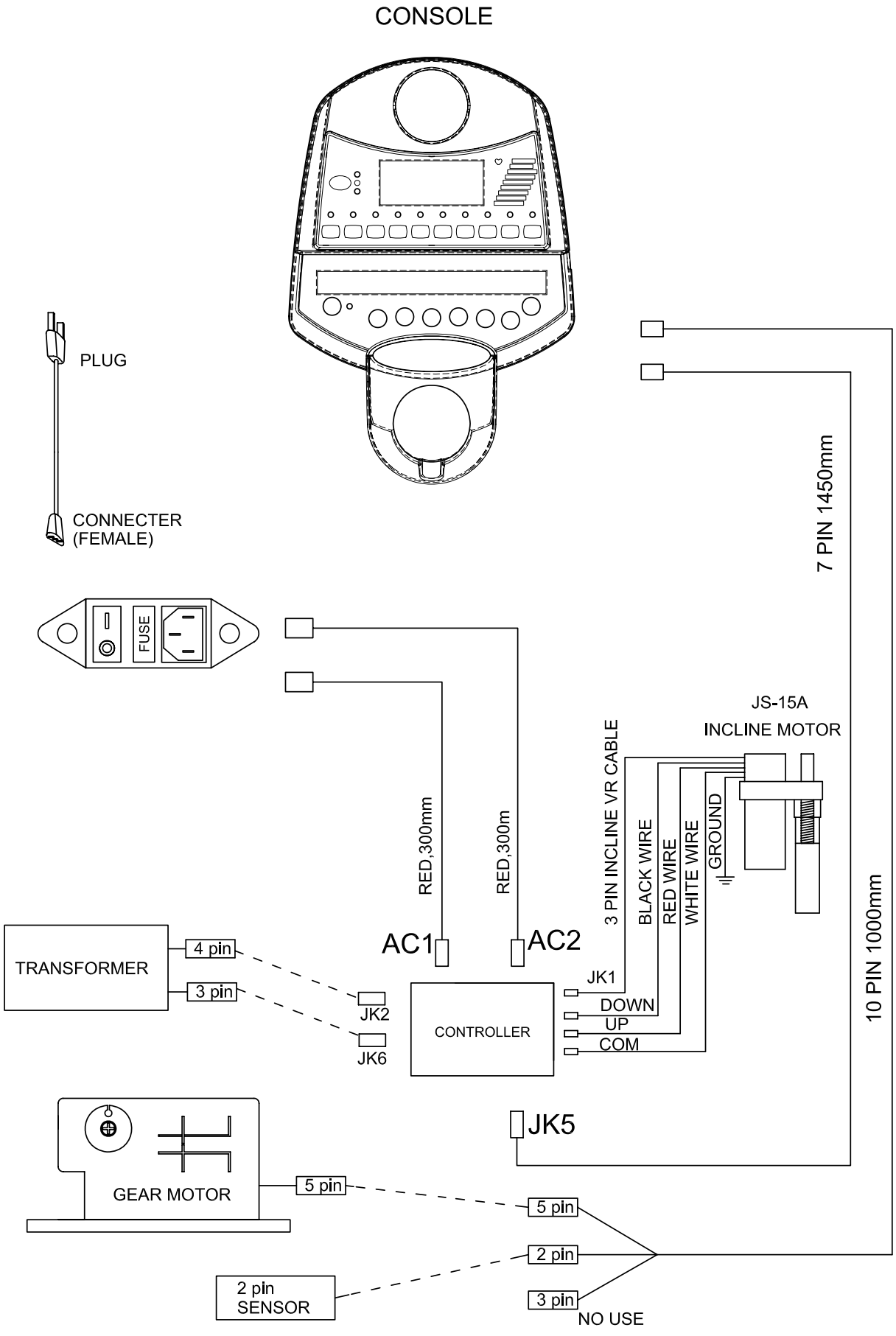
- Exit

Press ENTER to exit Engineering Mode.

PROCEDURE 8: XE400 and XE500 Incline Calibration

If the console shows an incline error or does not seem to physically be at the incline displayed, the unit needs to be calibrated. Press and hold the START and **level** UP keys for 5 seconds. The message window wil show "Calibration"; press ENTER. The calibration process is automatic and the system will restart when finished.

PROCEDURE 9: XE400 & XE500 Wiring Schematic



CONTACTING CUSTOMER SERVICE

It is the responsibility of the Dealer to assemble and setup any Spirit product they have sold, as well as diagnose problems and perform service, regardless of the product's location. Recognizing the importance of insuring the consumer's satisfaction, Spirit technical support will always be available to assist the Dealer in diagnosing a problem. All warranties are valid from the original date of purchase by the original purchaser.

PARTS ORDERS Fax 870-930-9013

Fax your order using a completed parts purchase order to (870) 930-9013. Please do not call to place your parts orders, fax only. Service technicians are available to assist in the repair of treadmills. If taking parts orders by telephone, technical service calls will go unanswered. **Standard shipping is FedEx ground. If you need an order shipped by another method, you must pay for shipping.**

CUSTOMER SERVICE Call 800-258-4555

Calling from Store Location

Dial 1 to reach the first available technician, or select the extension number for a particular technician. ***You must have the serial number of the machine when you call.***

- Charles Wood ----------Customer Support ext. 626
- Terry Jordan ---------- Customer Support ext. 627
- Kevin Thomas --------- -Customer Support ext. 628
- Nathan Price ---------- Customer Support ext. 629
- Carla Nichols ---------- -Customer Support ext. 631
- Travis Lawrence --------Customer Support ext. 633

If the technician you choose is unavailable, leave a detailed message. Leave only one message. Do not call another extension. Do not leave multiple messages. This results in a duplication of effort and keeps our technicians from assisting you and other customers in a prompt manner.

Calling from Customer Location

Dial 0 for an operator. Relay to the operator that you are a dealer and in a customer's home. You will be assisted by the first available technician.

XE ELLIPTICAL WARRANTY

Spirit Manufacturing Inc. warrants all its XE elliptical parts for a period of 5 years from the date of retail sale, as determined by sale receipt, or eighteen (18) months from the original factory shipping date, whichever comes first. Spirit's responsibilities include providing new or remanufactured parts, at Spirit's option, and technical support to our independent dealers and servicing organizations. In the absence of a dealer or service organization, these warranties will be administered by Spirit directly to a consumer. An extended warranty period applies to the following components:

XE100 - XE200	
Frame	Lifetime
Brake	Lifetime
All Parts	5 years
Labor	1 year

XE300 - XE400 - XE500	
Frame	Lifetime
Brake	Lifetime
All Parts	10 years
Labor	1 years

WARRANTY POLICY

Parts Returns
It is very important that you have not only the model number but also the serial number on hand when placing a parts order. If a serial number is provided at the time a warranty parts order is placed the required parts will be sent to you at no charge. If the unit is no longer covered under warranty the parts will be billed to you on 30 day payment terms.

If a warranty replacement part is required to be returned to Spirit it will be noted on the packing list included in your shipment. Also noted on the packing list will be the amount you will be invoiced if the parts are not returned within 30 days.

Parts Required to be Returned for Credit
Upper Electronics - XE Series

Paperwork Requirement: A copy of your invoice or packing list and diagnostic form (if included with replacement part) must be returned with the defective part to receive warranty consideration.

Warranty Labor Reimbursement Procedure
Complete Request for Warranty Labor Credit Form.
Fax completed form to (870) 930-9013.
Once Spirit has received your returned parts, your request will be processed and returned by fax to you.

What is Not Covered
1) Failures created due to improper installation or maintenance.
2) Repairs requiring only simple adjustments, fuses, or calibrations.
3) Damages sustained from shipping - Freight claim must be filed with your carrier.
4) Repairs that are made beyond the warranty period.
5) Repairs where the customer is paying the base labor fee to the dealer.
6) Units that are dealer stock or floor models.
7) Trips for diagnostic visit.
8) Residential units in a commercial setting.

Credit will not be issued for repairs in which:
1) Parts required for return are not returned to Spirit within 30 days.
2) All paperwork is not completed or returned.
3) Spirit confirms that work was not completed.

Warranty Labor Reimbursement Policy
Spirit has established a set of guidelines that are fair to both independent service companies and to Spirit. Our policy on labor warranty reimbursement is simple...we pay a one time flat completion fee of $80 per service occurrence. Once all work required to complete the repair has been finished and all parts required for return have been returned to Spirit either credit or payment in the amount of $80 will be issued to your company. The one-time flat completion fee of $80 will be paid only when the repair is complete and the unit has been returned to proper working condition. If your company needs consideration for labor or trip fees that are higher than Spirit's standard fees, they will be evaluated on a case-by-case basis. (e.g. - travel to perform service work in Manhattan). Any change in the fee schedule must be approved in writing by Spirit before any work is performed.

For Dealers That Wish To Use Third Party Service
It is Spirit's policy that all dealers service products that they sell to end users. If your company chooses to use an independent company for service, you are responsible for all service work. Our labor reimbursement policies apply in every case and any charges in excess of Spirit's one time flat completion fee will be billed back to the selling dealer. In certain circumstances, we will work directly with an independent service company, but we will not pay for any service that deviates from our policy for dealers wishing to have this arrangement. Dealers will be responsible to the service company for all charges disallowed by Spirit. Any deviation from Spirit policy must be approved in advance in writing.

Fax to: **870-930-9013**

Attention: _____

PARTS PURCHASE ORDER

Fill in completely for processing.
All orders are shipped F.O.B. Spirit Mfg., Jonesboro, Arkansas.

Dealer Name	Account No.	Ship to
Street & No.		Street & No.
City	State Zip	City State Zip
Phone Number	Fax Number	Phone Number Fax Number

Purchase Order No.	Dealer Buyer's Name	All parts ordered are considered stock orders unless a serial number is listed below each parts' description box. A serial number listed will qualify it for warranty evaluation.	Date of Order

Qty.	Part No.	Description	Unit Price	Amount

Order Completion - *Orders must be signed!*

If a part is not accompanied by a serial number, it will be assumed that the part order is for stock. We encourage all dealers to stock parts. Spirit will always be fair to all dealers on credit for parts. Spirit reserves the right to subject parts returns to a 20% restocking fee if Spirit determines that the dealer has excessively ordered parts randomly to repair a problem.

Buyer Signature_____ Date_____

Shipping Instructions: (All orders will be shipped via ground delivery unless otherwise indicated.) ***Buyer will be responsible for all expedited shipping charges.***

Special Instructions:

2nd Day Air_____

Next Day Air_____

Saturday Delivery_____

Initial Your Special Shipping Instructions Here_____

(Orders for expedited shipping without initials will be shipped via ground delivery.)

REQUEST FOR WARRANTY LABOR CREDIT

Labor Warranty : ☐ **Spirit is responsible**

☐

P.O. BOX 2037 JONESBORO, ARKANSAS 72402

Date of Repair	Model#	Serial Number

Service Company	Svc CoAcct Number	Owner's Name

Owner's Address

Selling Dealer Number	Selling Dlr Acct	Phone Number With Area Code	Date Sold

Problem

Repair Done

			FACTORY USE ONLY				
QUANTITY	PART NUMBER	PART DESCRIPTION	WTY	TEST RESULTS	UNIT PRICE	WORK ORDER	INVOICE

FACTORY USE ONLY		
		FREIGHT:
LABOR		SHIPPING:
TRIP		
TOTAL LABOR		

WARRANTY CREDIT WILL BE ISSUED TO DEALER ACCOUNT.

ALL PARTS MUST BE RETURNED TO FACTORY UNLESS INSTRUCTED OTHERWISE.

CLAIMS MUST BE RETURNED TO SPIRIT CORP. WITHIN 7 DAYS OF REPAIR.

SHADED AREAS FACTORY USE ONLY

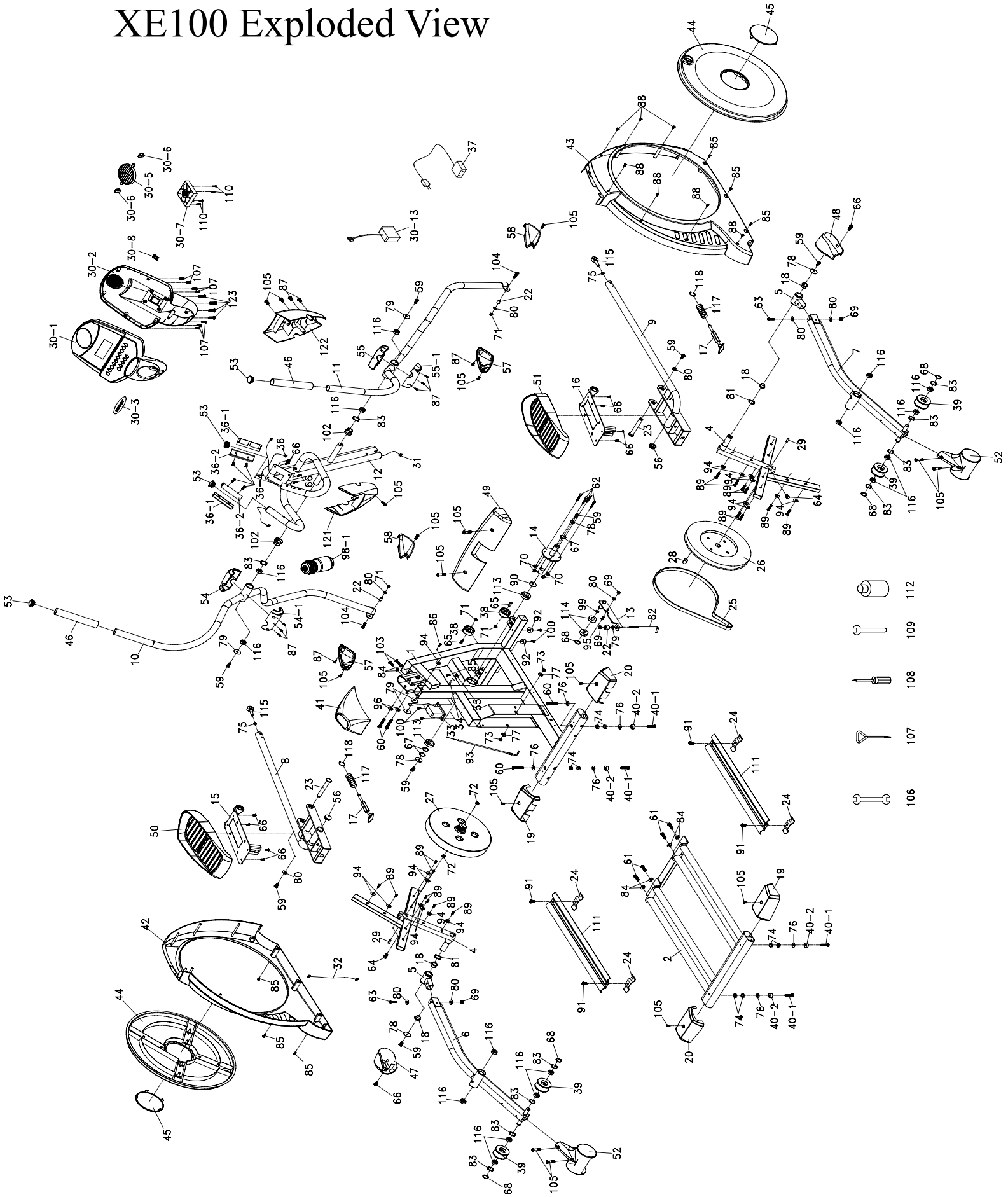
Authorization No._____

_____

WARRANTY ADMINISTRATOR

FAX TO SPIRIT (870) 930-9013

XE100 Exploded View



XE100 Part List

Part #	Description	Part #
1	Main Frame	006000
2	Rail Assembly	004020
4	Cross Bar	000163
5	Bushing Housing, Pedal Arm	006038
6	Pedal Arm(L) Assy	006046
7	Pedal Arm(R) Assy	006047
8	Connecting Arm (L)	006110
9	Connecting Arm (R)	006111
10	Handle Bar (L)	006101
11	Handle Bar (R)	006102
12	Console Mast	006017
13	Idler Wheel Assembly	
14	Drive Pulley Axle	022148
15	Adjustable Pedal (L)	006054
16	Adjustable Pedal (R)	006055
17	Pedal Adjust Pull Pin	006002
18	˜38×˜31×˜25×17+3T_Copper Bushing - Pedal Arm	000174
19	Rear Stabilizer Cover (A)	006121
20	Rear Stabilizer Cover (B)	006122
22	˜ 11.9 x ˜8.5 x 16m/m_Rod End Sleeve	000199
23	Carriage Bolt - Pedal Axle	006003
24	Retaining Bracket, Aluminum Track	004021
25	8J 500 Belt 500J/1270J	000146
26	Drive Pulley	000908
27	˜292x 40 x10 Fly Wheel	000855
28	Magnet	010041
29	7x7x20L Woodruff Key	000198
30	Console Assembly	006001
30~1	Top Console Cover	002130
30~2	Bottom Console Cover	006063
30~3	Badge, Console	002131
30~5	Deflector Fan Grill	000983
30~6	Fan Grill Anchor	000807
30~7	Fan Motor	000808
30~8	Fan Power Switch	000982
30~13	Receiver, HR (POLAR chest strap)	004074
31	Main Wiring Harness (1000mm)	000183
32	Power Input Jack	000185
33	Gear Motor	022170
34	300mm_Sensor W/Cable	000184
35	Sensor Rack	022989
36	850mm_Handpulse W/Cable Assembly	008041
36~1	Handpulse Assembly Top	X
36~2	Handpulse Assembly Bottom	X
36~4	˜3x20_Tapping Screw	000839
37	Adaptor 1.5 Amp	000137
38	˜62 x ˜8.2 x 36L_Transportation Wheel	001019
39	˜72_Slide Wheel , Urethane	000153

40~1	3/8" x 2"_Thumb Head Socket Screw		022885
40~2	˜35x10x˜10 Leveling Foot - Foot Pad		022943
41	Console Mast Cover - Lower		006083
42	Chain Cover (L)		006026
43	Chain Cover (R)		006027
44	Round Disk Crank		006004
45	Round Disk Access Cover		006075
46	˜32x420Lx3T_Handgrip Foam		000159
47	Pedal Arm Cover (L)		006084
48	Pedal Arm Cover (R)		006085
49	Front Stabilizer Cover		006009
50	Pedal (L)		000155
51	Pedal (R)		000837
52	Slide Wheel Cover		006010
53	˜32_Button Head End Cap (1.8T)		022069
54	Front Handle Bar Cover (L)		006125
54~1	Rear Handle Bar Cover (L)		X
55	Front Handle Bar Cover (R)		006126
55~1	Rear Handle Bar Cover (R)		X
56	˜32_Round Head End Cap 2.5T		000841
57	Connecting Arm Cover (L)	SAME	006099
58	Connecting Arm Cover ®	PART	006099
59	5/16" x 15mm_Hex Head Screw		022803
60	3/8" x 2-1/4"_Hex Head Screw		020623
61	3/8" x 3-3/4"_Hex Head Screw		021707
62	1/4" x 3/4"_Hex Head Screw		030097
63	M8 x 50_Socket Head Cap Screw - 22mm		022139
64	M8x30_Socket Head Cap Screw - 3M		010087
65	5/16" x 2"_Button Head Socket Screw		010092
66	M5 x 10m/m_Phillips Head Screw -Plated		000051
67	˜25_C Clip		000195
68	˜17_C Clip		000196
69	M8 x 7T g_Nyloc Nut		022288
70	1/4" _Nyloc Nut		030098
71	5/16" x 7T_Nyloc Nut		000081
72	3/8" -UNF26 x 4T_Nut		010094
73	3/8" -UNF26 x 9T_Nut		010095
74	3/8" x 7T_Nut		010108
75	M12_Nut		022794
76	3/8" x 19 x 1.5T_Flat Washer		000076
77	3/8" x 25 x 2T_Flat Washer		010098
78	5/16" x 35 x 1.5T_Flat Washer		010099
79	5/16" x 23 x 2.0T_Flat Washer		022908
80	5/16" x 20 x 1.5T_Flat Washer		022918
81	˜25 _Wave Washer		022698
82	J Bolt		
83	˜17 _Wave Washer		022700
84	3/8" x 23 x 1.5T_Curved Washer		000074

85	5x16_Tapping Screw	010150
86	4x15_Self Tapping Screw	030054
87	˜3.5x12m/m_Self Tapping Screw	010113
88	4x19_Self Tapping Screw	030065
89	5x16_Tapping Screw (plated)	010150
90	˜35x˜25.5x5T Bushing	000148
91	5/16" x 3/4"_Hex Head Screw	020340
92	˜25x15_Foot Pad (25x15mm Leveler)	010124
93	310mm 90° Adjustable/with 50mm steel rope out_Steel Rope	000141
94	1/4"x19_Flat Washer	022919
95	M8 x20_Carriage Bolt	030094
96	3/8" x 2T_Spring Washer	000053
98	Drink Bottle Assembly	
98~1	Drink Bottle	030059
99	˜17x˜23.5x1T_Flat Washer	022975
100	5x19_Tapping Screw	030057
102	Isolator	000858
103	3/8" x 3/4"_Hex Head Screw	000060
104	5/16" x 1-1/4"_Hex Head Screw	022763
105	M5 x 15m/m_Phillips Head Screw	000913
106	13/14m/m_ Wrench	022596
107	Short Phillips Head Screw Driver	023109
108	Phillips Head Screw Driver	023091
109	12m/m_ Wrench	000342
110	˜3.5x30m/m_Self Tapping Screw	030030
111	Aluminum Track	000152
112	Lubricant	022271
113	6005 Bearing, Crank Axle	021951
114	6203 Bearing for Idler Wheel	021987
115	M12 x P1.75 Rod End Bearing	000200
116	6003 Bearing for Slide Wheel	010043
117	˜13.5×.38.5L Locking Pin Spring	006145
118	˜10_C Clip (Pull Pin)	004001
121	Upper Front Mast Cover	006058
122	Upper Rear Mast Cover	006059
	Hardware Kit	006005
	Side Decal	006067
	Footplate Replacement Kit	006153
	Locking Pin Bracket Only (footplate replacement kit)	006238
	5 x 10 Phillips Head Screw - Plated (footplate replacement kit)	000051

XE200 Exploded View

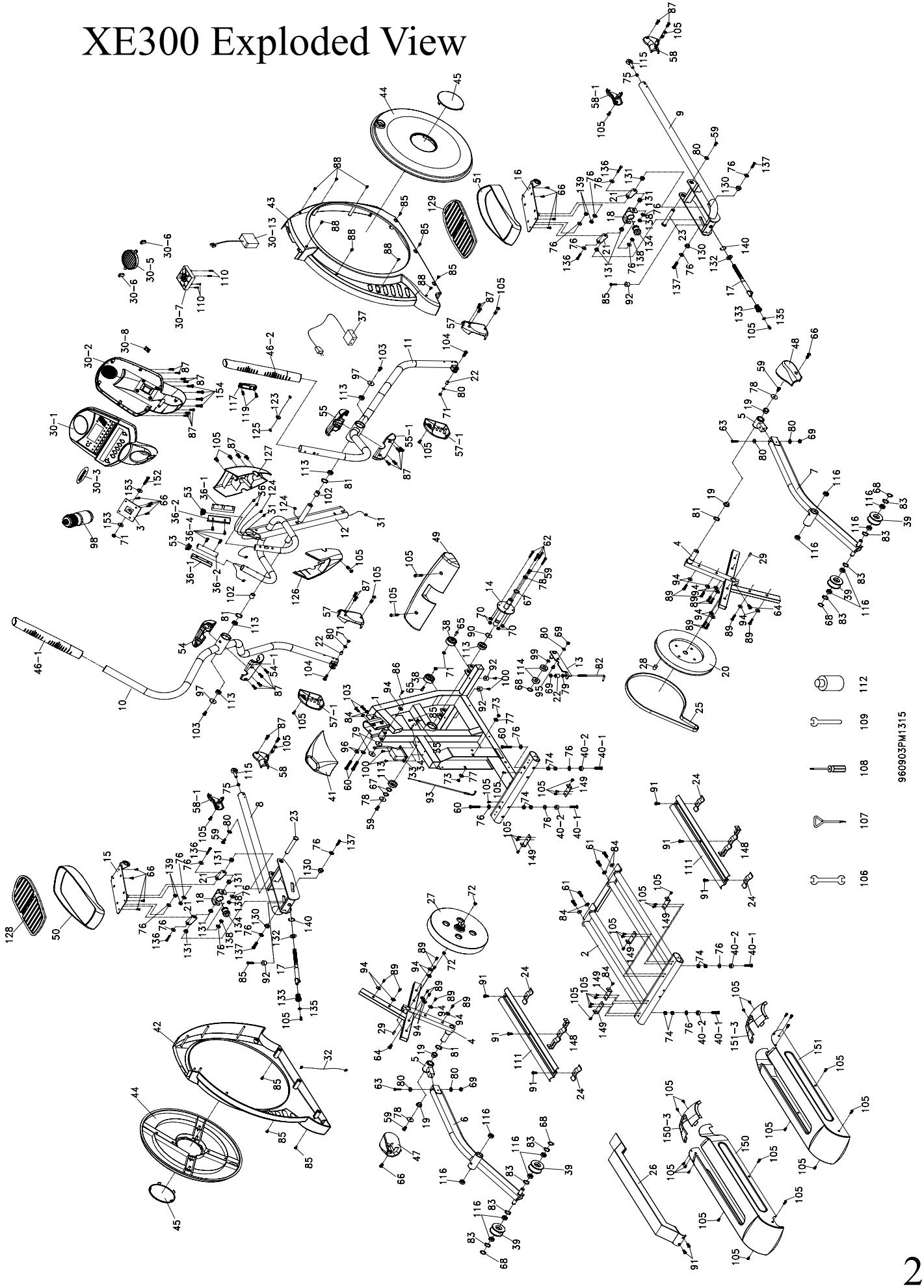
XE200 Part List

Part #	Description	Spirit Part #
1	Main Frame	004022
2	Rail Assembly	004020
4	Cross Bar	000163
5	Bushing Housing, Pedal Arm	006038
6	Pedal Arm(L) Assy	006046
7	Pedal Arm(R) Assy	006047
8	Connecting Arm (L) - Assembly	006018
9	Connecting Arm (R)	006019
10	Handle Bar (L)	006052
11	Handle Bar (R)	006053
12	Console Mast	006149
13	Idler Wheel Assembly	
14	Drive Pulley Axle	022148
15	Adjustable Pedal (L)	006054
16	Adjustable Pedal (R)	006055
17	Locking Pin Assembly-Pedal Adjust Pull Pin	006002
18	˜ 38×˜ 31×˜ 25×17+3T_Copper Bushing (50% Copper)-Pedal Arm	000174
19	Rear Stabilizer Cover (A)	006121
20	Rear Stabilizer Cover (B)	006122
22	˜ 11.9 x ˜ 8.5 x 16m/m_Rod End Sleeve	000199
23	Carriage Bolt - Pedal Axle	006003
24	Retaining Bracket, Aluminum Track	004021
25	8J 500 Belt (500J/1270J)	000146
26	Drive Pulley	000908
27	˜ 327x 37 x 8, 6 magnets, Fly Wheel	006048
28	Magnet	010041
29	7x7x20L Woodruff Key	000198
30	Console Assembly	006024
30~1	Top Console Cover	002130
30~2	Bottom Console Cover	006063
30~3	Badge, Console	002131
30~5	Deflector Fan Grill	000983
30~6	Fan Grill Anchor	000807
30~7	Fan Assembly Motor	000808
30~8	Fan Power Switch	000982
30~13	Receiver, HR	022675
31	Main Wiring Harness (1000mm)	000183
32	Power Input Jack	000185
33	Gear Motor	022170
34	300mm_Sensor W/Cable	000184
35	Sensor Rack	022989
36	850mm_Handpulse W/Cable Assembly	008041
36~1	Handpulse Assembly Top	X
36~2	Handpulse Assembly Bottom	X
36~4	˜ 3x20_Tapping Screw	000839
37	1.5 Amp Adapter	000137
38	˜ 62 x ˜ 8.2 x 36L _Transportation Wheel	001019

Part #	Description		Spirit Part #
39	~72_Slide Wheel , Urethane		000153
40~1	3/8" x 2"_Thumb Head Socket Screw		022885
40~2	~ 35x10 x~ 10 Leveling Foot 35x10 Cushion Foot Pad		022943
41	Console Mast Cover-Lower		006083
42	Chain Cover (L)		006026
43	Chain Cover (R)		006027
44	Round Disk Crank		006004
45	Round Disk Access Cover		006075
46~1	38x420L_Handgrip Foam (L) After #1121 - #006163		006022
46~2	38x420L_Handgrip Foam ® After #1121 - #006164		006023
47	Pedal Arm Cover (L)		006084
48	Pedal Arm Cover (R)		006085
49	Front Stabilizer Cover		006009
50	Pedal (L)		000155
51	Pedal (R)		000837
52	Slide Wheel Cover		006010
53	~ 32 (1.8T)_Button Head End Cap		022069
54	Front Handle Bar Cover (L)	**SET**	006006
54~1	Rear Handle Bar Cover (L)	**SET**	X
55	Front Handle Bar Cover (R)	**SET**	006007
55~1	Rear Handle Bar Cover (R)	**SET**	X
56	Pedal End Cover		004049
57	Connecting Arm Cover A	**SET**	006049
57~1	Connecting Arm Cover A	**SET**	**X**
58	Connecting Arm Cover B	**SET**	006050
58~1	Connecting Arm Cover B	**SET**	**X**
59	5/16" x 15m/m({')_Hex Head Screw		022803
60	3/8" x 2-1/4"_Hex Head Screw		020623
61	3/8" x 3-3/4"_Hex Head Screw		021707
62	1/4" x 3/4"_Hex Head Screw		030097
63	M8 x 50_Socket Head Cap Screw - 22mm		022139
64	M8x3_Socket Head Cap Screw - 3M		010087
65	5/16" x 2"_Button Head Socket Screw		010092
66	M5x10_Phillips Head Screw -Plated		000051
67	~ 25_C Clip		000195
68	~ 17_C Clip		000196
69	M8 x 7T_Nyloc Nut		022288
70	1/4" _Nyloc Nut		030098
71	5/16" x 7T_Nyloc Nut		000081
72	3/8" -UNF26 x 4T_Nut		010094
73	3/8" -UNF26 x 9T_Nut		010095
74	3/8" x 7T_Nut		010108
75	M12_Nut		022794
76	3/8" x 19 x 1.5T_Flat Washer		000076
77	3/8" x 25 x 2T_Flat Washer		010098
78	5/16" x 35 x 1.5T_Flat Washer		010099
79	5/16" x 23 x 1.5T_Flat Washer		022908
80	5/16" x 20 x 1.5T_Flat Washer		022918
81	~ 25_Wave Washer		022698
82	J Bolt		

Part #	Description	Spirit Part #
83	˜ 17 _Wave Washer	022700
84	3/8" x 23 x 1.5T_Curved Washer	000074
85	5x16_Tapping Screw	010113
86	4x15_Self Tapping Screw	030054
87	˜ 3.5x12m/m_Self Tapping Screw	010113
88	4x19_Self Tapping Screw	030065
89	5x16_Tapping Screw - plated	010150
90	˜ 35x˜ 25.5x5T Bushing	000148
91	5/16" x 3/4"_Hex Head Screw	020340
92	˜ 25x15_Foot Pad	022919
93	310mm 90° Adjustable/with 50mm steel rope out_Steel Rope	000141
94	1/4"x19_Flat Washer	022919
95	M8 x20_Carriage Bolt	030094
96	3/8" x 2T_Spring Washer	000053
97	3/8"×30×2T_Flat Washer	006045
98~1	Drink Bottle	030059
99	˜ 17x˜ 23.5x1T_Flat Washer	022975
100	5x19_Tapping Screw	030057
102	Isolator	000291
103	3/8" x 3/4"_Hex Head Screw	000060
104	5/16" x 1-1/4"_Hex Head Screw	022763
105	M5 x 15m/m_Phillips Head Screw	000913
106	13/14m/m_ Wrench	022596
107	Short Phillips Head Screw Driver	023109
108	Phillips Head Screw Driver	023091
109	12m/m_ Wrench	000342
110	˜3 . 5x30m/m_Self Tapping Screw	030030
111	Aluminum Track	000152
112	Lubricant	022271
113	6005 Bearing, Pulley Axle	021951
114	6203 Bearing for Idler Wheel	021987
115	M12 x P1.75_Rod End Bearing	000200
116	6003 Bearing for Slide Wheel	010043
117	Handle Switch Assembly (w/switch & overlay)	006025
119	M5×20_Flat Head Socket Screw	006105
121	˜ 13.5×38.51 Locking Pin Spring	006145
122	˜ 10×2_C Clip	004001
123	Console Mast Grommet	006081
124	450mm_Switch Cable (Upper)	006089
125	900mm_Switch Cable (Lower)	006015
126	Front Console Cover	006058
127	Rear Console Cover	006059
	Hardware Kit	006013
	Handle Switch (Overlay ONLY)	006011
	Handle Switch (Switch ONLY)	006012
	Handle Switch on Plastic Housing	006070
	Footplate Replacement Kit	006153
	Decal (Side)	006103
	Locking Pin Bracket -(footplate replacement kit)	006238
	5x10 Phillips Head Screw -(Locking Pin Bracket)	000051

XE300 Exploded View



XE300 Part List

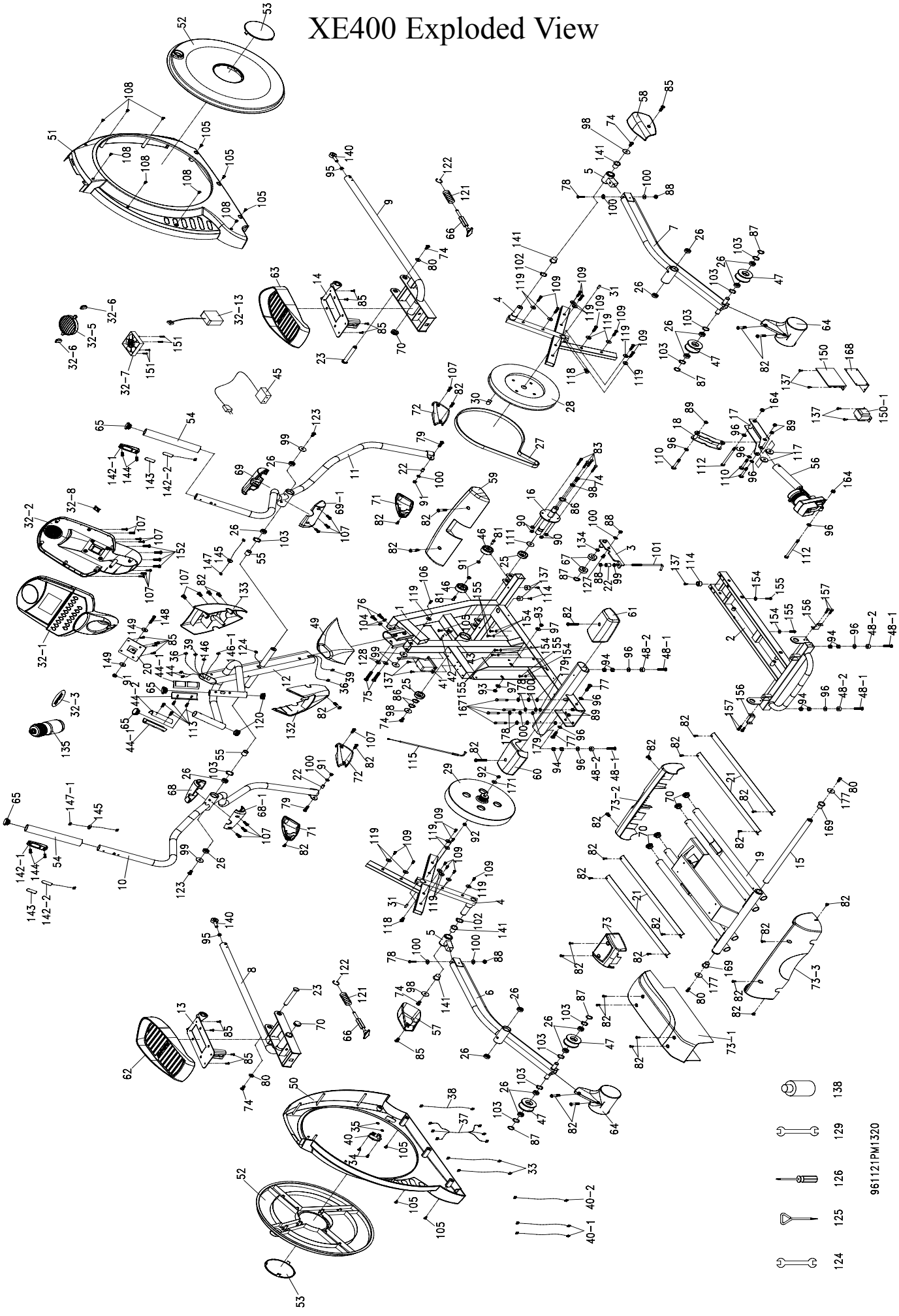
No.	Description	Spirit Part #
1	Main Frame	004022
2	Rail Assembly	
3	Console Holder Plate	006080
4	Cross Bar	000163
5	Bushing Housing, Pedal Arm	006038
6	Pedal Arm(L) Assy	006108
7	Pedal Arm(R) Assy	006109
8	Connecting Arm (L)	006020
9	Connecting Arm (R)	006021
10	Handle Bar (L)	006052
11	Handle Bar (R)	006053
12	Console Mast	006150
13	Idler Wheel Bracket	000994
14	Drive Pulley Axle	022148
15	Adjustable Pedal (L)	006056
16	Adjustable Pedal ®	006057
17	Locking Pin Assembly-Crank Pin	006036
18	Pedal Adjustment Plate	006077
19	Copper Bushing (50% Copper)Pedal Arm	000174
20	˜330_Drive Pulley	000908
21	Adjusting Plate	006079
22	˜ 11.9 x ˜8.5 x 16m/m _Rod End Sleeve	000199
23	Carriage Bolt - Pedal Axle	006003
24	Retaining Bracket, Aluminum Track	004021
25	8J 500 Belt (500J/1270J)	000146
26	Rail Support Assembly	006029
27	˜327x 37 x 8, 6 magnets, Fly Wheel	006048
28	Magnet	010041
29	7x7x20L_Woodruff Key	000198
30	Console Assembly	006060
30~1	Top Console Cover	006136
30~2	Bottom Console Cover	006063
30~3	Badge, Console	002131
30~5	Deflector Fan Grill	000983
30~6	Fan Grill Anchor	000807
30~7	Fan Motor	000808
30~8	Fan Power Switch	000982
30~13	Receiver, HR	022675
31	Main Wiring Harness (1000mm)	000183
32	Power Input Jack	000185
33	Gear Motor	022170
34	300mm Sensor W/Cable	000184
35	Sensor Rack	022989
36	850mm_Handpulse Assembly	008041
36~1	Handpulse Assembly Top	X
36~2	Handpulse Assembly Bottom	X
36~4	˜3x20_Tapping Screw	000839

No.	Description		Spirit Part #
37	9V,DV,2.0A_Adaptor - 2.0 Amp		000138
38	˜62 x ˜8.2 x 36L_Transportation Wheel		001019
39	˜72 _Slide Wheel , Urethane		000153
40~1	3/8" x 2"_Flat Head Socket Screw		022885
40~2	˜35x10x˜10Leveling Foot n- Cushion Foot Pad		022943
41	Console Mast Cover-Lower		006083
42	Chain Cover (L)		006026
43	Chain Cover (R)		006027
44	Round Disk Crank		006004
45	Round Disk Access Cover		006075
46~1	38x420L_Handgrip Foam (L) - Starting w/#1361 use #006163 (38x380)		006022
46~2	38x420L_Handgrip Foam ® - Starting w/#1361 use #006164 (38x380)		006023
47	Pedal Arm Cover (L)		006084
48	Pedal Arm Cover (R)		006085
49	Front Stabilizer Cover		006009
50	Pedal (L)		000156
51	Pedal (R)		000157
53	˜32 (1.8T)_Button Head End Cap		022069
54	Front Handle Bar Cover (L)	SET	006006
54~1	Rear Handle Bar Cover (L)	SET	X
55	Front Handle Bar Cover (R)	SET	006007
55~1	Rear Handle Bar Cover (R)	SET	X
57	Connecting Arm Cover A	SET	006049
57~1	Connecting Arm Cover A	SET	X
58	Connecting Arm Cover B	SET	006050
58~1	Connecting Arm Cover B	SET	X
59	5/16" x 15m/m_Hex Head Screw		022803
60	3/8" x 2-1/4"_Hex Head Screw		020623
61	3/8" x 3-3/4"_Hex Head Screw		021707
62	1/4" x 3/4"_Hex Head Screw		030097
63	M8 x 50_Socket Head Cap Screw -22mm		022139
64	M8x30_Socket Head Cap Screw - 3M		010087
65	5/16" x 2"_Button Head Socket Screw		010092
66	M5x10_Phillips Head Screw - Plated		000051
67	˜25_C Clip		000195
68	˜17_C Clip		000196
69	M8 x 7T_Nyloc Nut		022288
70	1/4" _Nyloc Nut		030098
71	5/16" x 7T_Nyloc Nut		000081
72	3/8" -UNF26 x 4T_Nut		010094
73	3/8" -UNF26 x 9T_Nut		010095
74	3/8" x 7T_Nut		010108
75	M12_Nut		022794
76	3/8" x 19 x 1.5T_Flat Washer		000076
77	3/8" x 25 x 2T_Flat Washer		010098
78	5/16" x 35 x 1.5T_Flat Washer		010099
79	5/16" x 23 x 1.5T_Flat Washer		022908
80	5/16" x 20 x 1.5T_Flat Washer		022918
81	˜25_Wave Washer		022698

No.	Description	Spirit Part #
82	J Bolt	
83	˜17 _Wave Washer	022700
84	3/8" x 23 x 1.5T_Curved Washer	000074
85	5x16_Tapping Screw - plated	010150
86	4x15_Self Tapping Screw	030054
87	˜3.5x12m/m_Self Tapping Screw	010113
88	4x19_Self Tapping Screw	030065
89	5x16_Tapping Screw - plated	010150
90	˜35x˜25.5x5T_Bushing	000148
91	5/16" x 3/4"_Hex Head Screw	020340
92	˜25x15_Foot Pad - Leveler	010124
93	310mm 90° Adjustable/with 50mm steel rope out_Steel Rope	000141
94	1/4"x19_Flat Washer	022919
95	M8 x20_Carriage Bolt	030094
96	3/8" x 2T_Spring Washer	000053
97	3/8"×30×2T_Flat Washer	006045
98	Drink Bottle Assembly	
99	˜17x˜23.5x1T_Flat Washer	022975
100	5x19_Tapping Screw	030057
102	˜26×˜35×˜45×10T(T919)_Isolator	000291
103	3/8" x 3/4"_Hex Head Screw	000060
104	5/16" x 1-1/4"_Hex Head Screw	022763
105	M5 x 15m/m_Phillips Head Screw	000913
106	13/14m/m_ Wrench	022596
107	Short Phillips Head Screw Driver	023109
108	Phillips Head Screw Driver	023091
109	12mm_Wrench	000342
110	˜3.5x30m/m_Self Tapping Screw	030030
111	Aluminum Track	000180
112	Lubricant	022271
113	6005_Bearing, Pulley Axle	021951
114	6203_Bearing for Idler Wheel	021987
115	M12 x P1.75_Rod End Bearing	000200
116	6003_Bearing for Slide Wheel	010043
117	Handle Switch Assembly - See Below for individual part #'s	006025
119	M5×20_Flat Head Socket Screw	006105
123	Console Mast Grommet	006081
124	450mm_Switch Cable (Upper)	006089
125	900mm_Switch Cable (Lower)	006015
126	Front Console Cover	006058
127	Rear Console Cover	006059
128	Pedal Foam (L)	006042
129	Pedal Foam (R)	006043
130	˜14×˜10×9T_Bushing - Pedal Bushing	004031
131	˜19×˜14×˜10×(5+4)T_Bushing	004033
132	˜16.1×˜31×3T_Nylon Washer	023216
133	Pedal Adjustment Handlebar Knob	006107
134	Threaded Bushing	006037
135	˜5×15_Flat Washer	006148

No.	Description	Spirit Part #
136	3/8"×19_Hex Head Screw	004062
137	M10×40mm_Hex Head Screw	004063
138	M10×8T_Nyloc Nut	006147
139	3/8"×7T_Nyloc Nut	000080
140	˜16_C Clip - Pull Pin	004034
148	Shroud Retaining Bracket	000297
149	Rear Cover L Plate	006031
150	Rear Cover Assembly (L)	006032
150~3	Front Cover, Top (L)	006033
151	Rear Cover Assembly (R)	006034
151~3	Front Cover, Top (R)	006035
152	5/16"×2-1/2"_Hex Head Screw	0030048
153	˜5/16"×˜25×3T_Nylon Washer	006165
154	˜3.5x10m/m_Self Tapping Screw	023129
	Overlay Only (Handle Switch)	006011
	Switch Only (Handle Switch)	006012
	Plastic Housing (Handle Switch)	006070
	Hardware Kit	006044
	Pedal Elevation Gauge Decal	006118
	“Up/Down” Sticker For Pedal	006106

XE400 Exploded View



XE400 Part List

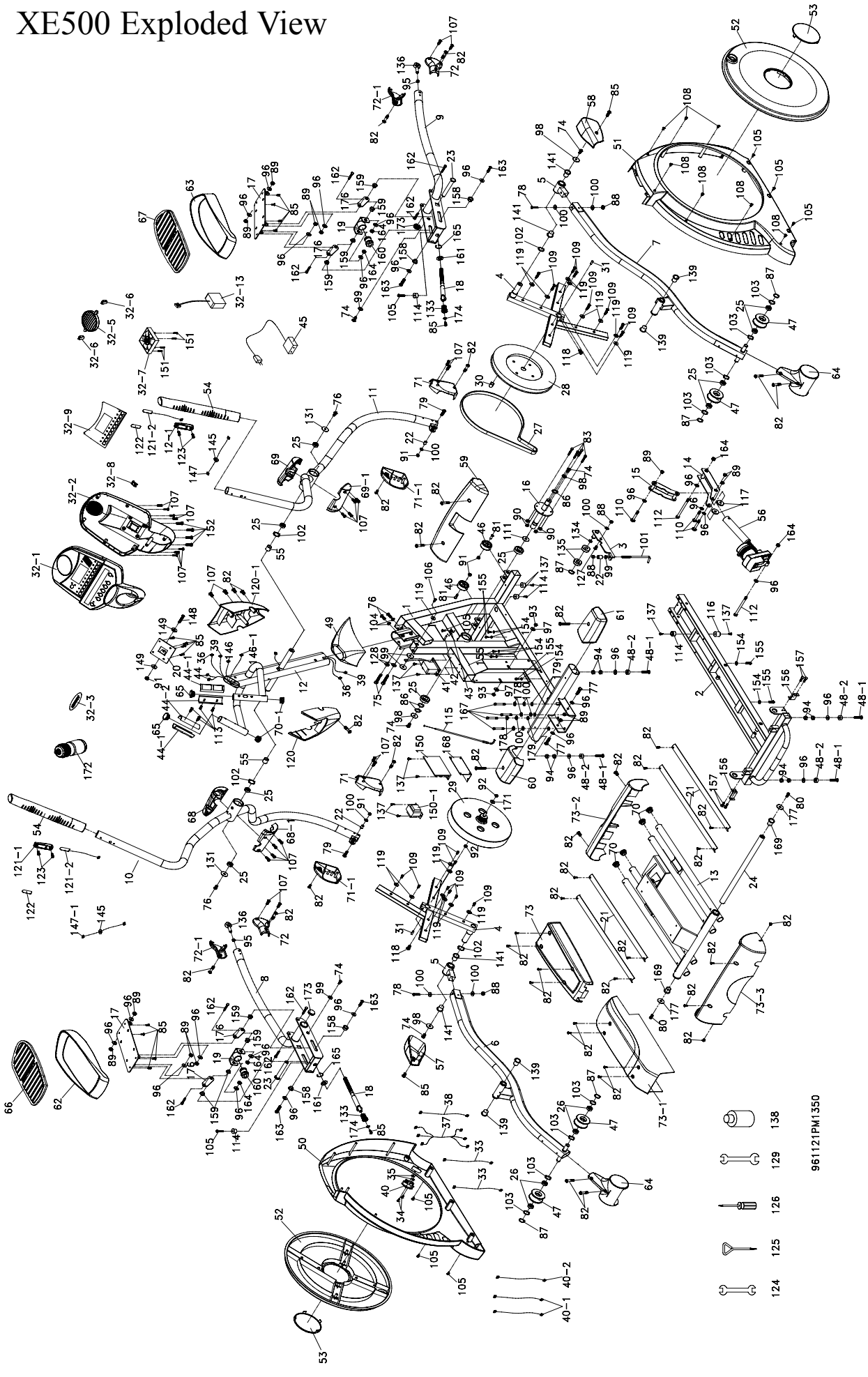
No.	Description	Part #
1	Main Frame	006158
2	Inclinable Rail Assembly	006123
3	Idler Wheel Assembly	
4	Cross Bar	000163
5	Bushing Housing, Pedal Arm	006038
6	Pedal Arm(L) - Assy	006137
7	Pedal Arm (R) - Assy	006138
8	Connecting Arm (L)	006110
9	Connecting Arm (R)	006111
10	Handle Bar (L)	006127
11	Handle Bar (R)	006128
12	Console Mast	006151
13	Adjustable Pedal (L)	006054
14	Adjustable Pedal (R)	006055
15	Rail Assembly Tube	006119
16	Drive Pulley Axle	022148
17	Incline Device	
18	Incline Motor Wolder	
19	Rail Assembly	006120
20	Console Holder Assembly	
21	2.5Tx625L_Incline Rail	006100
22	˜ 11.9 x ˜ 8.5 x 16m/m_Rod End Sleeve	000199
23	Carriage Bolt - Pedal Axle	006003
25	6005_Bearing, Pulley Axle	021951
26	6003_Bearing, Slide Wheel	010043
27	8J 500_Belt (500J/1270J)	000146
28	˜ 330_Drive Pulley	000908
29	˜ 327 x 37 x 8_Fly Wheel, with 6 magnets	006048
30	Magnet	010041
31	7x7x20L_Woodruff Key	000198
32	Console Assembly	006064
32~1	Top Console Cover	006141
32~2	Bottom Console Cover	006063
32~3	Badge, Console	002131
32~5	Deflector Fan Grill	000983
32~6	Fan Grill Anchor	000807
32~7	Fan Motor	000808
32~8	Fan Power Switch	000982
32~13	Receiver, HR (**POLAR** Chest Strap)	004074
33	187×250×300mm_Connecting Wire,Red, Controller	006090
34	M4×12mm_Phillips Head Screw	000070
35	M4×5T_Nyloc Nut	030031
36	1450mm_Incline Computer Cable	006068
37	800mm_Connecing Wire, Incline Motor Power Cord	006091
38	850mm_Connecting Wire, Incline Motor	006092
39	1000mm Computer Cable	000183

No.	Description	Part #
40	On/Off Switch	
40~1	Connecting Wires	000303
40~2	Ground Wire	006093
41	M-100A_Gear Motor	022170
42	300mm_Sensor W/Cable	000184
43	Sensor Rack	022989
44	Handpulse W/850mm_Cable Assembly w/top and bottom covers	008041
44~1	Handpulse Assembly Top	X
44~2	Handpulse Assembly Bottom	X
45	Power Cord	022812
46	ˇ 62_Transportation Wheel (62 X 8.2 X 36L)	001019
47	ˇ 72 PU_Sliding Wheel , Urethane	000153
48~1	3/8" x 2"_Flat Head Socket Screw	022885
48~2	ˇ 35x10_Leveling Foot - Cushion Foot Pad	022942
49	Console Mast Cover-Lower	006083
50	Chain Cover (L)	006028
51	Chain Cover (R)	006027
52	Round Disk Cover, Crank	006004
53	Round Disk Access Cover	006075
54	32 x 3T x 420L_Handgrip Foam	006156
55	Isolator	000858
56	Incline Motor	006143
57	Pedal Arm Cover (L)	006084
58	Pedal Arm Cover (R)	006085
59	Front Stabilizer Cover	006009
60	Middle Stabilizer Cover (L)	006071
61	Middle Stabilizer Cover ®	006072
62	Pedal (L)	000155
63	Pedal (R)	000837
64	Slide Wheel Cover	006010
65	ˇ 32 (1.8T)_Button Head End Cap	022069
66	Locking Pin Assembly	006002
67	Bearing for Idler Wheel	021987
68	Front Handle Bar Cover (L)	006154
68~1	Rear Handle Bar Cover (L)	X
69	Front Handle Bar Cover (R)	006155
69~1	Rear Handle Bar Cover (R)	X
70	ˇ 32 (2.5T)_Round Head End Cap	000841
71	Connecting Arm Cover (L)	006099
72	Connecting Arm Cover (R)	006099
73	Incline Bottom Cover	006073
73~1	Incline Cover	006074
73~2	Rear Bar Cover	006097
73~3	Inclineable Rail Cover	006098
74	5/16" x 15m/m_Hex Head Screw	022803
75	3/8" x 2-1/4"_Hex Head Screw	020623
76	3/8" x 3/4"_Hex Head Screw	000060
77	3/8" x 1-1/2"_Hex Head Screw	000062

No.	Description	Part #
78	M8 x 50_Socket Head Cap Screw - 22mm	022139
79	5/16" x 1-1/4"_Hex Head Screw	022763
80	5/16" x 19m/m_Hex Head Screw	
81	5/16" x1- 3/4"_Button Head Socket Screw	000086
82	M5 x 15m/m_Phillips Head Screw	000913
83	1/4" x 3/4"_Hex Head Screw	030097
85	M5 x 10m/m_Phillips Head Screw - Plated	000051
86	˜ 25 _C Clip	000195
87	˜ 17_C Clip	000196
88	M8 x 7T_Nyloc Nut	022288
89	3/8" x 7T _Nyloc Nut	000080
90	1/4" _Nyloc Nut	030098
91	5/16" x 7T_Nyloc Nut	000081
92	3/8" -UNF26 x 4T_Nut	010094
93	3/8" -UNF26 x 9T_Nut	010095
94	3/8" x 7T_Nut	010108
95	M12_Nut	022794
96	3/8" x 19 x 1.5T_Flat Washer	000076
97	3/8" x 25 x 2T_Flat Washer	010098
98	5/16" x 35 x 1.5T_Flat Washer	010099
99	5/16" x 23 x 1.5T_Flat Washer	022908
100	5/16"×20×1.5T_Flat Washer	022918
101	J Bolt	
102	˜ 25_Wave Washer	022698
103	˜ 17 _Wave Washer	022700
104	3/8" x 23 x 2T_Curved Washer	030081
105	5x16_Tapping Screw - plated	010150
106	4x15_Self Tapping Screw	030054
107	˜3 . 5x12_Self Tapping Screw	010113
108	4x19_Self Tapping Screw	030065
109	5x16_Tapping Screw - plated	010150
110	3/8" x 2-1/2'' _Hex Head Screw	
111	Bushing	
112	M10x130m/m_Hex Head Screw	
113	˜ 3x20_Tapping Screw	000839
114	˜ 25x15L_Foot Pad	010124
115	Steel Rope	000141
117	˜ 3/8'' x˜ 35 x5T_Nylon Washer	
118	M8x30_Socket Head Cap Screw (3M)	010087
119	1/4"x19_Flat Washer	022919
120	˜ 32 (1.8T)_Round Head End Cap	000841
121	˜ 13.5x 38.51L _Locking Pin Spring	006145
122	˜ 10_C Ring	004001
123	5/16" x 15m/m_Hex Head Screw	022803
124	13/14mm_Wrench	022596
125	Short Phillips Head Screw Driver	023109
126	Phillips Head Screw Driver	023091
127	M8 x20_Carriage Bolt	030094

No.	Description	Part
128	3/8" x 2T_Spring Washer	000053
129	12mm_Wrench	000342
132	Front Mast Cover	006058
133	Rear Mast Cover	006059
134	˜ 17x 23.5 x 1T_Flat Washer	022975
135	Drink Bottle	030059
137	5x19_Tapping Screw	030057
138	Lubricant	022271
140	M12 x P1.75 _Rod End Bearing	000200
141	Copper Bushing (50% Copper) - Pedal Arm	000174
142	Handle Switch Assembly	006025
142~1	Handle Switch Plastic Housing only	006070
142~2	Switch Only	006012
143	UP/DOWN_Label - Overlay only	006011
144	M5x20_Flat Head Socket Screw	006105
145	Console Mast Grommet	
146	450mm_Handle Wire (Upper), Resistance	006089
146~1	450mm_Handle Wire (Upper), Incline (RED END)	006167
147	1000mm_Handle Wire (Lower), Resistance (SAME	006088
147~1	1000mm_Handle Wire (Lower), Incline WIRE)	006088
148	5/16" x 2-1/2"_Hex Head Screw	030048
149	˜ 5/16'' x˜ 25 x 3T_Nylon Washer	006165
150	Incline Controller - Lower Board	006095
150~1	Incline Adaptor - (Transformer)	006096
151	˜3 . 5x30 m/m_Self Tapping Screw	030030
152	˜ 2.6x 6 m/m_Self Tapping Screw	023217
154	Wire Tie Mount	010083
155	˜3 . 5x16_Tapping Screw	022979
156	Cover Holder	
157	M6x10m/m_Phillips Head Screw	
164	M10×8T_Nyloc Nut	006147
167	5/16" x 2-1/4"_Hex Head Screw	020623
168	Controller Back Plate	X
169	˜ 38 x˜ 34 x˜ 26 x 4+16T_Bushing	006069
171	3/8"×15×1T_Flat Washer	006160
177	5/16"×35×2.0T_Flat Washer	
	Hardware Kit	006104
	Footplate Replacement Kit	006153
	Locking Pin Bracket Only - (footplate replacement kit)	006238
	5x10 Phillips Head Screw - (Locking pin bracket)	000051

XE500 Exploded View



XE500 Part List

No.	Description	Part #
1	Main Frame	006159
2	Inclinable Rail Assembly	006124
3	Idler Wheel Assembly	000149
4	Cross Bar	000163
5	Bushing Housing, Pedal Arm	006038
6	Pedal Arm(L)	006116
7	Pedal Arm(R)	006117
8	Connecting Arm (L)	006112
9	Connecting Arm (R)	006113
10	Handle Bar (L)	006129
11	Handle Bar (R)	006130
12	Console Mast	006152
13	Rail Assembly	006120
14	Incline Device	
15	Incline Motor Holder	
16	Crank Axle - Drive Pulley Axle	022148
17	Adjustable Pedal Assembly	006166
18	Locking Pin Assembly-Crank Pin	006036
19	Pedal Adjustment Assembly	
20	Console Holder Assembly	
21	Incline Rail_2.5T x 625L NEW	006100
22	˜ 11.9 x ˜ 8.5 x 16m/m_Fish-eye Sleeve	000199
23	˜ 19 x 110L x 5/16"_Carriage Bolt	000287
24	Rail Assembly Tube	006119
25	6005_Bearing, Crank Axle	021951
26	6003_Bearing, Slide Wheel	010043
27	8J 500_Belt - 500J/1270J	000146
28	˜ 330_Drive Pulley	000908
29	˜ 327 x 37 x 8_Fly Wheel, 6 magnets	006048
30	Magnet	010041
31	7x7x20L_Woodruff Key	000198
32	Console Assembly	006065
32~1	Top Console Cover	006142
32~2	Bottom Console Cover	006063
32~3	Badge, Console	002131
32~5	Deflector Fan Grill	000983
32~6	Fan Grill Anchor	000807
32~7	Fan Motor	000808
32~8	Fan Power Switch	000982
32~9	Face Plate Lens Cover	006157
32~13	Receiver, HR	004074
33	187×250×300mm_Connecting Wire,RED, Controller	006090
34	M4×12mm_Phillips Head Screw	000070
35	M4×5T_Nyloc Nut	030031
36	1450mm_Incline Computer Cable,BLACK	006068
37	800mm_Connecing Wire, Incline Motor Power Cord,RED,WHITE,BLACK	006091

No.	Description		Part #
38	850mm_Connecting Wire, Incline Motor		006092
39	1000mm_Computer Cable		000183
40	On/Off Switch		
40~1	Connecting Wires		000303
40~2	Ground Wire		006093
41	Gear Motor		022170
42	300mm_Sensor W/Cable		000184
43	Sensor Rack		022989
44	850mm_Handpulse W/Cable Assembly		008041
44~1	Handpulse Assembly Top		X
44~2	Handpulse Assembly Bottom		X
45	Power Cord		022812
46	˜ 62_Transportation Wheel		001019
47	˜ 72 PU_Sliding Wheel , Urethane		000153
48~1	3/8" x 2"_Flat Head Socket Screw		022885
48~2	35x10 Leveling Foot - Cushion Foot Pad		022942
49	Console Mast Cover - Lower		006083
50	Chain Cover (L)		006028
51	Chain Cover (R)		006027
52	Round Disk Cover, Crank		006004
53	Round Disk Access Cover		000700
54	38 x 420L_Handgrip Foam		006023
55	˜ 45 x ˜ 35 x˜ 26x 10T Isolator		000291
56	Incline Motor		006144
57	Pedal Arm Cover (L)		006086
58	Pedal Arm Cover (R)		006087
59	Front Stabilizer Cover		006009
60	Middle Stabilizer Cover (L)		006071
61	Middle Stabilizer Cover (R)		006072
62	Pedal (L)		000156
63	Pedal (R)		000157
64	Slide Wheel Cover		006010
65	˜ 32 (1.8T)_Button Head End Cap		022069
66	Pedal Foam (L)		006042
67	Pedal Foam (R)		006043
68	Front Handle Bar Cover (L)	SET	006006
68~1	Rear Handle Bar Cover (L)	SET	X
69	Front Handle Bar Cover ®	SET	006007
69~1	Rear Handle Bar Cover ®	SET	X
70	˜ 32 (2.5T)_Round Head End Cap		000841
70~1	˜ 32 (1.8T)_Round Head End Cap		022069
71	Connecting Arm Cover A		006049
71~1	Connecting Arm Cover A		X
72	Connecting Arm Cover B		006050
72~1	Connecting Arm Cover B		X
73	Incline Bottom Cover		006135
73~1	Incline Cover		006074
73~2	Rear Bar Cover		006097

No.	Description	Part #
73~3	Inclineable Rail Cover	006098
74	5/16" x 15m/m_Hex Head Screw	022803
75	3/8" x 2-1/4"_Hex Head Screw	020623
76	3/8" x 3/4"_Hex Head Screw	000060
77	3/8" x 1-1/2"_Hex Head Screw	000062
78	M8 x 50_Socket Head Cap Screw	022139
79	5/16" x 1-1/4"_Hex Head Screw	022763
80	5/16" x 19m/m_Hex Head Screw	
81	5/16" x1- 3/4"_Button Head Socket Screw	000086
82	M5 x 15m/m_Phillips Head Screw	000913
83	1/4" x 3/4"_Hex Head Screw	030097
85	M5x10_Phillips Head Screw - Plated	000051
86	˜ 25 _C Ring	000195
87	˜ 17_C Ring	000196
88	M8 x 7T_Nyloc Nut	022288
89	3/8" x 7T _Nyloc Nut	010108
90	1/4" _Nyloc Nut	030098
91	5/16" x 7T_Nyloc Nut	000081
92	3/8" -UNF26 x 4T_Nut	010094
93	3/8" -UNF26 x 9T_Nut	010095
94	3/8" x 7T_Nut	010108
95	M12_Nut	022794
96	3/8" x 19 x 1.5T_Flat Washer	000076
97	3/8" x 25 x 2T_Flat Washer	010098
98	5/16" x 35 x 1.5T_Flat Washer	010099
99	5/16" x 23 x 1.5T_Flat Washer	022908
100	5/16"×20×1.5T_Flat Washer	022918
101	J Bolt	
102	˜ 25_Wave Washer	022698
103	˜ 17 _Wave Washer	022700
104	3/8" x 23 x 2T_Curved Washer	030081
105	5x16_Tapping Screw	010150
106	4x15_Self Tapping Screw	030054
107	˜3 . 5x12_Self Tapping Screw	010113
108	4x19_Self Tapping Screw	030065
109	5x16_Tapping Screw	010150
110	3/8" x 2-1/2''_Hex Head Screw	
111	Bushing	
112	M10x130m/m_Hex Head Screw	
113	˜ 3x20_Tapping Screw	000839
114	˜ 25x15L_Foot Pad	010124
115	Steel Rope	000141
116	˜ 25x25L_Foot Pad	006161
117	˜ 3/8'' x˜ 35 x5T_Nylon Washer	
118	M8x30_Socket Head Cap Screw	010087
119	1/4"x19_Flat Washer	022919
120	Front Console Cover	006058
120~1	Rear Console Cover	006059

No.	Description	Part #
121	Handle Switch Assembly	006025
121~1	Handle Switch Plastic Housing only	006070
121~2	Handle Switch	006012
122	UP/DOWN_Label - Overlay	006011
123	M5x20_Flat Head Socket Screw	006105
124	13/14mm_Wrench	022596
125	Short Phillips Head Screw Driver	023109
126	Phillips Head Screw Driver	023091
127	M8 x20_Carriage Bolt	030094
128	3/8" x 2T_Split Washer	000053
129	12/14mm_Wrench	000342
131	3/8" x 30 x 2.0T_Flat Washer	006045
133	Pedal Adjustment Handlebar Knob	006107
134	˜ 17x 23.5 x 1T_Flat Washer	022975
135	Bearing for Idler Wheel	021987
136	M12 x P1.75_Rod End Bearing	000200
137	5x19_Tapping Screw	030057
138	Lubricant	022271
139	˜ 31 x˜ 25.5 x˜ 19 x 16+3T_Bushing	022699
141	Copper Bushing (50% Copper)	000174
145	Console Mast Wire Grommet	006081
146	450mm Handle Wire (Upper), Resistance	006089
146~1	450mm Handle Wire (Upper), Incline (RED END)	006167
147	1000mm Handle Wire (Lower), Resistance (SAME	006088
147~1	1000mm Handle Wire (Lower), Incline WIRE)	006088
148	5/16" x 2-1/2"_Hex Head Screw	030048
149	˜ 5/16'' x˜ 25 x 3T_Nylon Washer	006165
150	Incline Controller (Lower Board) ALT#670100A	006095
150~1	Incline Adaptor (Transformer)	006096
151	˜3 . 5x30 m/m_Self Tapping Screw	030030
152	˜ 2.6x 6 m/m_Self Tapping Screw	023217
154	Wire Tie Mount	010083
155	˜3 . 5x16_Tapping Screw	022979
156	Cover Holder	
157	M6x10m/m_Phillips Head Screw	
158	˜ 19 x˜ 14 x˜ 12 x 5+4T_Bushing	004033
159	˜ 14 x˜ 10 x 5+4T_Bushing	004031
160	Threaded Bushing-crank	006037
161	˜ 16.1 x˜ 31 x 3T_Nylon Washer	023216
162	3/8'' x 19_Hex Head Screw	004062
163	M10 x 40 m/m_Hex Head Screw	004063
164	M10 x 8T_Nyloc Nut	006147
165	˜ 16_C Ring	004034
167	5/16" x 2-1/4"_Hex Head Screw	
168	Controller Back Plate	X
169	˜ 38 x˜ 34 x˜ 26 x 4+16T_Bushing	006069
171	3/8"×15×1T_Flat Washer	006160

No.	Description	Part #
172	Drink Bottle	030059
173	Pedal End Cover	004049
174	˜ 5×˜ 15×1.5T_Flat Washer	006148
176	Adjusting Plate	
177	5/16"×35×2.0T_Flat Washer	
	Pedal Elevation Gauge Decal	006118
	Hardware Kit	006133
	“Up/Down” Sticker on Pedal	006106